

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(previously presented) A method to form a magnetically pinned layer, comprising:

providing a layer of antiferromagnetic material having a central section that abuts a pair of opposing outer sections, said central section having a first top surface and said outer sections having second top surfaces; and

depositing a layer of magnetic material, a part of which contacts only said second top surfaces, thereby forming said magnetically pinned layer, only a part of which is in contact with said layer of antiferromagnetic material.

2. (canceled)

3.(original) The method of claim 1 wherein said layer of magnetic material comprises a pair of ferromagnetic layers separated by, and contacting, an antiferromagnetic coupling layer.

4-31 Canceled